

## **Fish cards**

### **Fish A**

Your fish is a schooling species that spends its entire life in the ocean. It is benthic, but swims in the water column from the bottom up 5-10 meters and feeds on schooling bait fish, crustaceans and worms.

### **Fish B**

This fish is a benthic species that lays flat on the bottom, for the most part never moving vertically. It moves about the ocean floor and at times swims into the estuaries of rivers with sandy bottoms.

### **Fish C**

Your fish is a fast moving, pelagic species that swims in great schools. The only thing governing its position in the water column is food. It can be found from the surface to the bottom, and it migrates hundreds of miles in a short amount of time.

### **Fish D**

Your species is not a fish, it's a bivalve. These mollusks live on the bottom, filter feed the water of plankton and move on occasion by clapping their two shells together and moving very short distances.

### **Fish E**

Your species is a bait fish that swims in the oceans in huge schools numbering thousands. They eat plankton and small shrimp, live near or in the photic zone and move slowly from place to place.

### **Fish F**

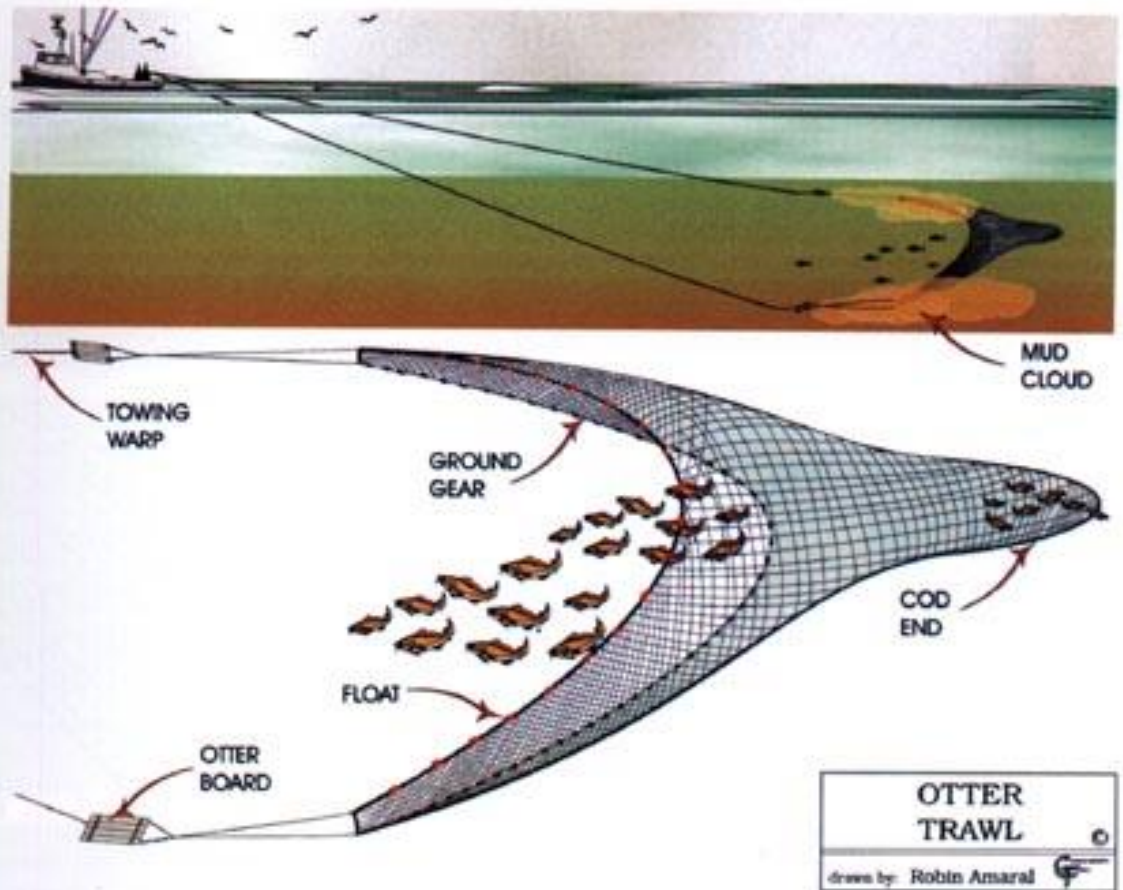
This species lives in rivers as young adults and the oceans as adults. They are benthic, slow moving and feed on worms, mollusks and crustaceans.



## Otter Trawl

First design was tested aboard a vessel named the Otter. Vessels using this gear are usually called draggers, because they drag these nets across the bottom.

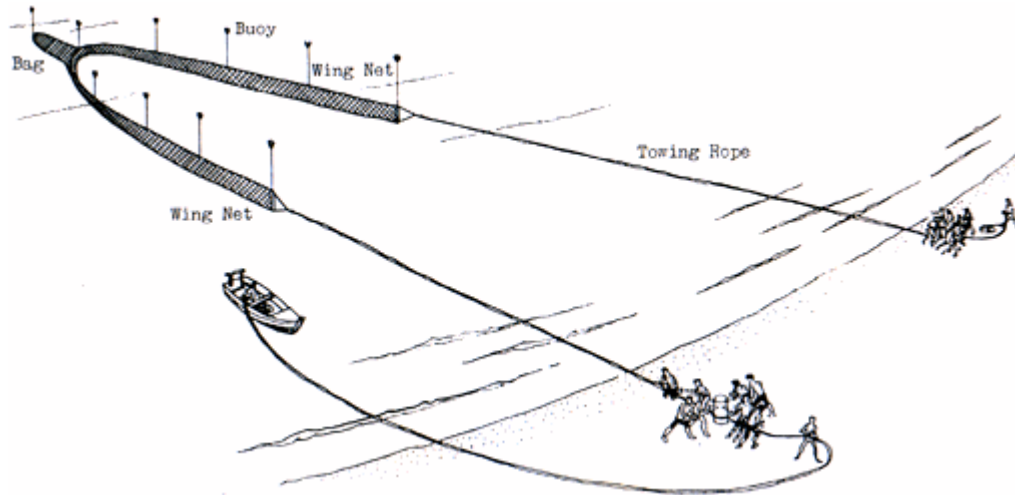
**SMOLOWITZ  
FIGURE 3  
(page 49)**  
A bottom  
trawl.  
Drawing  
by Robin  
Amaral.



<http://www.fishingnj.org/diaotter.htm>

### Beach Seine Net

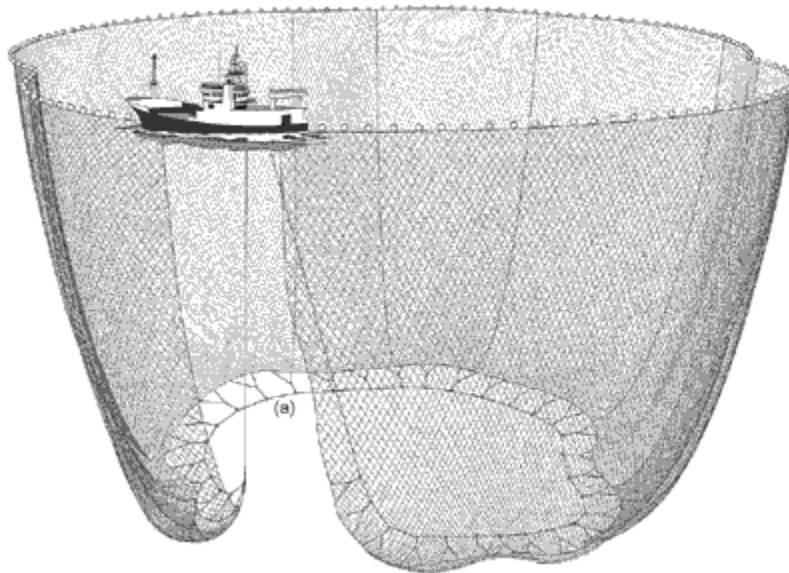
This net is deployed around a school and hauled in on land.



<http://www.amita.co.jp/image/beach.gif>

### Purse Seine

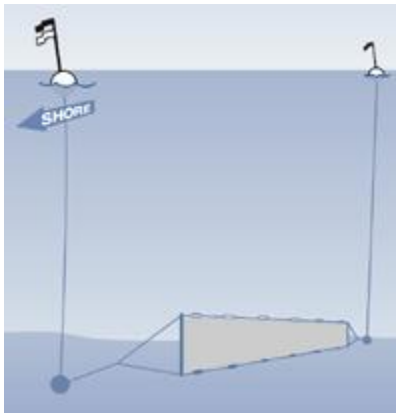
This net is deployed around a schooling species and the bottom is pulled tight, trapping the entire school. Boats using this gear type are called seiners.



<http://camartolol.files.wordpress.com/2008/07/purseseine-01.gif>

## Gill Net

The actual netting material for this net is clear monofilament (plastic) netting that the fish cannot see, so they swim through it and catch their gills in the net. There are different versions of this style.



[http://www.seagrant.umn.edu/fisheries/img/bottom\\_gill\\_net\\_sm.gif](http://www.seagrant.umn.edu/fisheries/img/bottom_gill_net_sm.gif)